

MONTHLY BULLETIN
OF
THE OBSERVATORY
AMERICAN UNIVERSITY OF BEIRUT
FORMERLY
SYRIAN PROTESTANT COLLEGE
BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

MARCH, 1928

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MARCH 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun- shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	770.2	768.6	769.2	769.3	9.8	5.0		4.7	1.52
2	1.3	770.8	772.1	771.4	9.9	4.2		10.8	
3	2.3	0.5	769.1	0.8	10.4	4.4		10.4	
4	766.1	764.2	3.2	764.5	12.8	8.0		4.5	
5	2.4	2.4	763.3	2.7	15.6	7.4		10.7	
6	763.3	762.4	762.5	762.7	15.5	8.4		11.0	
7	2.9	2.5	3.5	3.0	16.1	7.9		11.0	
8	3.0	0.5	759.2	0.9	16.2	8.5		6.8	
9	756.7	755.3	6.6	756.2	15.9	13.1		9.6	
10	9.4	9.8	761.8	760.3	20.4	13.5		10.4	
11	763.0	763.1	762.7	762.6	19.0	12.2		10.2	
12	2.7	1.0	1.0	1.6	19.4	12.4		11.0	
13	1.1	1.1	1.6	1.3	19.6	13.0		10.6	
14	1.8	0.8	1.1	1.2	19.9	13.0		9.6	
15	761.5	761.2	1.1	1.3	19.3	12.1		1.3	13.67
16	762.7	762.6	764.1	763.1	16.6	11.1		8.2	7.11
17	5.0	3.9	3.1	4.0	19.0	11.7		9.8	
18	2.8	1.3	758.5	0.9	19.0	12.4		7.6	
19	758.3	758.4	760.1	758.9	18.4	11.7		4.6	9.65
20	762.3	2.5	4.6	763.1	17.7	11.7		2.8	2.79
21	766.1	755.8	766.5	766.1	17.7	11.1		2.7	0.51
22	7.3	766.1	6.4	6.6	16.0	10.8		10.5	1.78
23	4.9	4.1	3.4	4.1	15.4	8.3		10.6	
24	3.2	2.3	1.5	2.5	14.9	9.0		6.2	
25	758.5	757.6	755.8	757.3	17.8	13.1		3.4	
26	759.6	761.1	764.4	761.7	22.8	14.7		10.4	3.42
27	763.7	1.1	759.8	1.5	23.8	14.1		10.4	
28	756.9	755.1	8.8	756.9	21.0	15.9		8.1	
29	760.8	760.4	761.6	760.9	29.1	14.9		10.3	
30	760.8	759.8	758.8	759.5	19.1	13.3		11.0	
31	758.4	9.0	760.0	759.1	19.9	13.3		5.5	
	762.87	762.04	762.45	762.45	17.78	10.97		8.28	1.30

BAROMETER

Maximum

772.1 on 2nd

Minimum

755.1 on 28th

THERMOMETER

Maximum

29.1 on 29th

Minimum

4.2 on 2nd

RAINFALL

Maximum

13.67 on 15th

Number of days with rain 8, fog 0, thunderstorms 0, gales 0

MARCH 1928

METEOROLOGICAL REGISTER

January
Feb. 20

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m. m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	5.9	9.4	7.8	7.7	4.4	5.3	4.0	5.6	4.7	4.5	4.9	81	55	56	64
2	7.9	10.1	8.1	8.7	3.1	4.4	3.9	3.7	4.1	4.5	4.1	46	45	55	49
3	9.3	12.3	9.2	10.3	4.5	6.3	6.6	4.4	4.7	6.0	5.0	50	44	69	54
4	11.6	14.1	11.7	12.5	7.3	8.1	7.5	5.7	5.5	5.8	5.7	57	47	57	54
5	13.2	14.7	10.6	12.8	7.6	8.8	7.1	5.5	5.9	5.9	5.8	48	46	62	52
6	11.1	15.6	10.4	12.4	8.8	9.0	6.6	7.2	5.6	5.5	6.1	74	43	59	59
7	14.2	15.6	10.6	13.5	8.8	9.1	6.9	6.5	5.7	5.7	6.0	54	43	61	53
8	13.6	14.4	15.0	14.3	8.9	9.3	9.3	6.0	6.4	6.2	6.2	51	52	48	50
9	17.1	15.8	16.4	16.4	12.3	14.3	13.9	8.3	11.5	10.3	10.0	60	84	74	73
10	16.8	17.9	14.9	16.5	14.4	14.8	13.2	10.8	10.7	10.3	10.6	75	70	82	76
11	15.9	18.8	14.7	16.5	13.0	14.3	12.1	9.5	9.6	9.2	9.4	71	60	74	68
12	16.5	19.1	15.0	16.8	13.4	15.3	13.3	9.5	10.7	10.4	10.2	69	66	82	72
13	16.9	19.1	15.0	17.0	14.7	15.6	12.9	11.0	11.0	9.8	10.6	77	67	77	74
14	17.1	18.8	15.0	17.0	13.3	14.3	12.6	9.2	9.5	9.4	9.4	64	60	75	66
15	12.8	13.9	13.1	13.3	11.1	12.6	11.5	8.8	10.0	9.2	9.3	81	85	81	83
16	14.1	18.1	13.9	15.4	11.8	14.4	11.8	8.9	10.1	9.0	9.3	74	65	76	72
17	17.2	18.0	15.6	16.9	13.9	14.0	12.9	9.8	9.6	9.5	9.6	67	62	73	67
18	16.9	17.2	15.9	16.7	14.2	14.1	13.9	10.4	10.0	8.0	9.5	72	69	78	73
19	14.4	13.9	14.3	14.2	12.3	12.3	14.2	9.4	9.7	11.8	10.3	77	81	95	84
20	13.2	15.9	13.9	14.3	10.7	14.4	10.1	8.3	11.2	9.8	9.8	73	84	62	73
21	12.9	14.8	12.9	13.5	10.2	11.2	9.0	7.8	8.0	6.7	7.5	71	63	60	65
22	13.5	14.1	14.1	13.9	8.8	8.3	7.8	6.4	5.7	5.3	5.8	55	48	44	49
23	13.3	13.9	12.2	13.1	8.5	12.1	8.3	6.1	9.4	6.3	7.3	53	79	59	64
24	14.3	16.4	14.4	15.0	9.3	14.3	11.7	6.5	10.8	8.7	8.6	54	79	71	68
25	19.6	22.6	21.8	21.3	13.2	15.7	12.1	7.7	9.5	6.1	7.8	45	47	33	42
26	19.2	22.2	16.5	19.3	16.2	20.8	15.6	12.0	16.7	12.9	13.9	71	84	96	84
27	17.5	19.7	17.8	18.3	15.9	16.4	16.2	12.4	11.8	12.7	12.3	83	69	83	78
28	20.6	26.7	17.8	21.7	17.7	18.6	16.7	13.0	11.1	13.4	12.5	72	42	89	68
29	17.3	19.7	15.4	17.5	13.9	15.2	10.6	9.8	10.3	7.2	9.1	66	60	55	60
30	18.1	21.1	16.7	18.6	13.3	14.4	11.2	8.8	8.8	9.6	9.1	56	47	50	51
31	17.2	19.5	15.9	17.5	14.6	15.1	13.1	10.7	10.2	9.6	10.2	73	61	72	69
	14.81	16.88	14.08	15.26	11.61	12.99	10.86	8.38	8.98	8.37	8.57	65.16	61.51	68.00	64.89

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8str. cu	8str. cu	8str. ni	8.0	2w	8n	5n	624.0	rough	
2	0	0	1str.	0.3	3n	2n	1nw	448.7	mod.	
3	1	1	6str.	2.7	0	0	0	100.4	slight	
4	8str	10ni	0	6.0	0	0	0	102.5	calm	
5	0	0	0	0.0	4n	2n	0	336.4	mod.	
6	1	1	1str.	1.0	0	0	0	75.3	calm	
7	1	1	0	0.7	0	0	0	95.2	"	gentle breeze
8	8ci	8ni	8str. ni	8.0	1se	1	1ne	105.2	light	
9	3str.	4str. cu	0	2.3	0	2	2n	162.5	mod.	haze in a.m.
10	0	5ci. str	0	1.7	1w	1w	0	253.8	"	mist all day
11	6ci cu	1	0	2.0	1	0	0	119.1	calm	haze in a.m.
12	0	0	0	0.0	0	0	0	73.7	"	gentle breeze
13	0	6str. cu	3str	3.0	1	2	0	145.0	slight	
14	0	1	3str. cu	1.3	1	1	0	131.2	"	
15	10ni	10ni	10ni	10.0	6w	1s	0	210.2	mod.	hail in a.m.
16	4str. cu	5str. cu	0	3.0	1se	1s	0	253.8	mod.	
17	6str. cu	2ci. str	0	2.7	0	1n	2n	174.6	"	
18	1	8str. ni	2	3.7	0	2w	2nw	203.1	"	
19	8str. cu	10ni	6str. cu	8.0	2w	2w	2w	737.1	v. rough	
20	8str. ni	10ni	8str. ni	8.7	4w	5w	2w	338.5	rough	
21	8ni	10ni	3	7.0	4w	5w	4nw	281.6	"	
22	3str. cu	2cu	0	1.7	3nw	1nw	1n	500.7	"	
23	1	4ci cu	0	1.7	2ne	2ne	4n	246.4	mod	
24	2ci	8ci ni	6ci str.	5.3	0	0	0	278.9	mod.	
25	8ci	8str.	10ni	8.7	1e	0	0	31.7	calm	solar halo
26	3str. cu	1	1	1.7	0	1w	0	199.0	slight	mist in p.m.
27	0	1	0	0.3	1n	2ne	2n	203.2	mod.	heavy dew
28	1	8ci ni	10ni	6.3	0	1	3	190.4	"	
29	2str. cu	0	1	1.0	1w	1w	0	233.9	slight	haze in a.m.
30	0	1	0	0.3	1w	1w	0	96.6	calm	
31	8ni	2	6str. cu	5.3	1s	2	4s	211.3	slight	haze in a.m.
				3.62				231.29		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	1	1	2	1	3	8	1	11
2:30	4	2	0	0	2	5	8	2	8
8:30	6	1	0	0	1	1	2	3	17
Totals	13	4	1	2	4	9	18	6	36

N. B — Cloud numbers without letters are all cu.
Wind " " " " SW.